METHOD AND SYSTEM FOR PACKING AND UNPACKING WEB PAGES

Abstract of the Disclosure

5   A method for packing the multiple files and folders of an HTML Web page into a single MHTML file. The packing process begins by determining whether the user has write privileges to the current location. If not, the user is prompted to save the MHTML file in an alternate location (e.g., the desktop).

10   If the user has write privileges to the current location, the process opens the main HTML Web page and searches for supporting resource files. In short, the supporting resource files are identified by searching for known, common resource file references in the main HTML source file. When the resource file references have

15   been identified, the process packages the main HTML document and all of the supporting resource files into a single file in MHTML format. The unpacking process opens the MHTML file and identifies the main HTML document portion, as well as the portions of the MHTML file containing the supporting resource

20   files. Once all of the components have been identified, the Web page's folder structure is determined by referring to the content location field contained in each separate portion of the MHTML file. The individual MHTML components are converted into files and the main HTML file is stored. The resource files are stored in

25   locations relative to the main HTML file, as identified by the unpacked folder structure.

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